

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
16 June 2005 (16.06.2005)

PCT

(10) International Publication Number
WO 2005/054230 A1

(51) International Patent Classification⁷: **C07D 403/04, 403/14, 413/14, 471/04, A61K 31/497, A61P 31/12, 37/00**

(74) Agent: **BLAKE DAWSON WALDRON PATENT SERVICES**; level 39, 101 Collins Street, MELBOURNE, VIC 3000 (AU).

(21) International Application Number:
PCT/AU2004/001690

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 3 December 2004 (03.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2003906686 3 December 2003 (03.12.2003) AU
2004902060 20 April 2004 (20.04.2004) AU

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (for all designated States except US): **CYTOPIA RESEARCH PTY LTD [AU/AU]**; Level 5, Baker Heart Research Institute Building, MELBOURNE, VIC 3004 (AU).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BURNS, Christopher, John [AU/AU]**; 3 Browning Street, SEDDON, VIC 3011 (AU). **WILKS, Andrew, Frederick [AU/AU]**; 6 MacFarlan Lane, SOUTH YARRA, VIC 3141 (AU). **BU, Xianyong [AU/AU]**; 1 Dairy Court, VIEWBANK, VIC 3084 (AU).

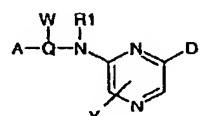
Published:
— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



WO 2005/054230 A1

(54) Title: AZOLE-BASED KINASE INHIBITORS



(I)

(57) Abstract: A compound of general formula (I) or pharmaceutically acceptable prodrugs, salts, hydrates, solvates, crystal forms or diastereomers thereof is described. A method of treating kinase-associated disease states using the compound of formula (I) is also described.